

**FIG. 1**

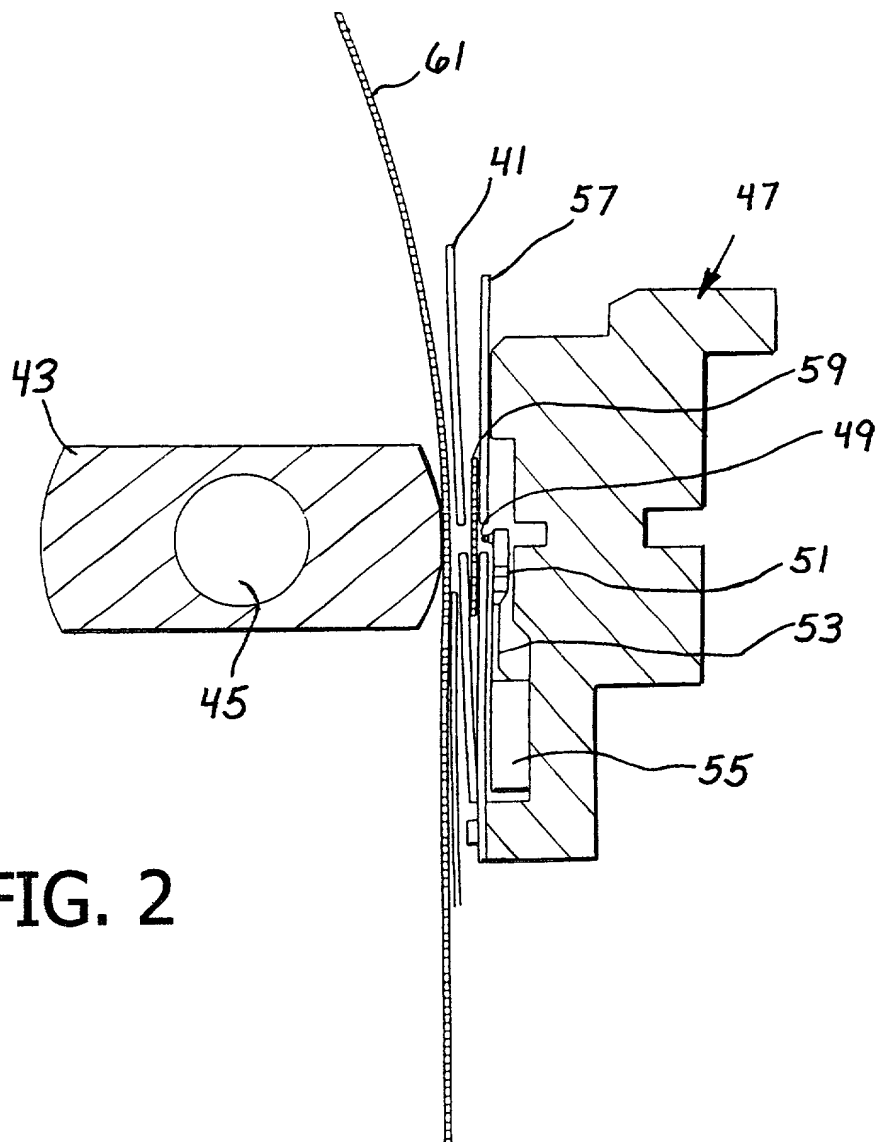


FIG. 2

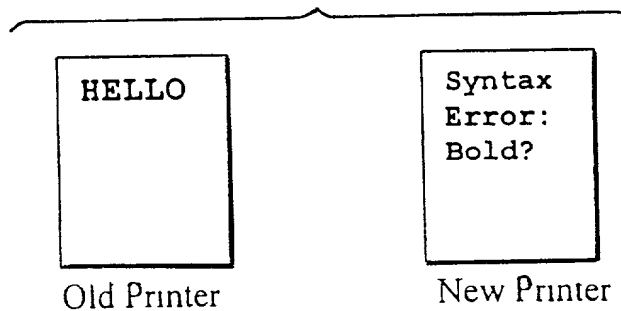


FIG. 5

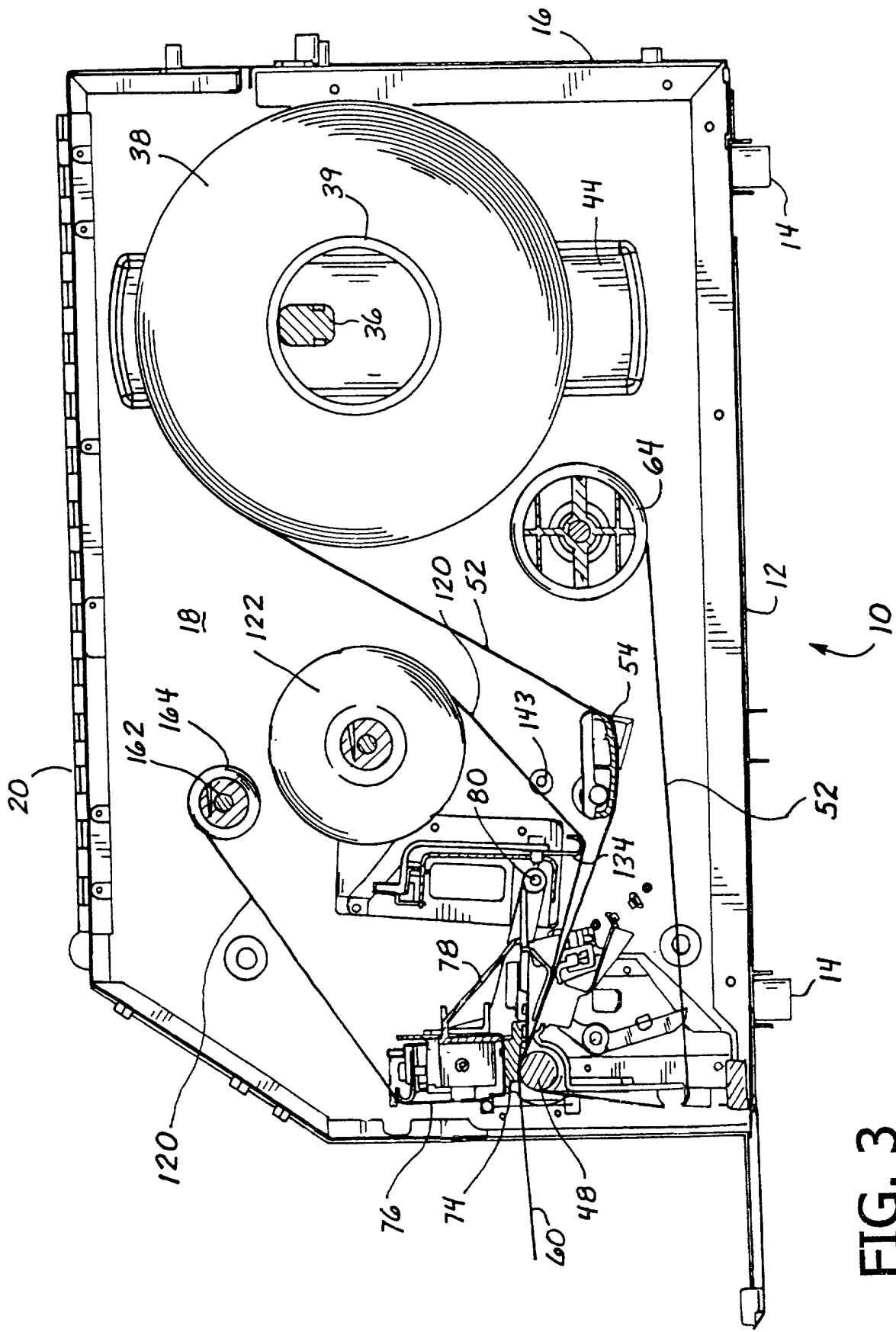
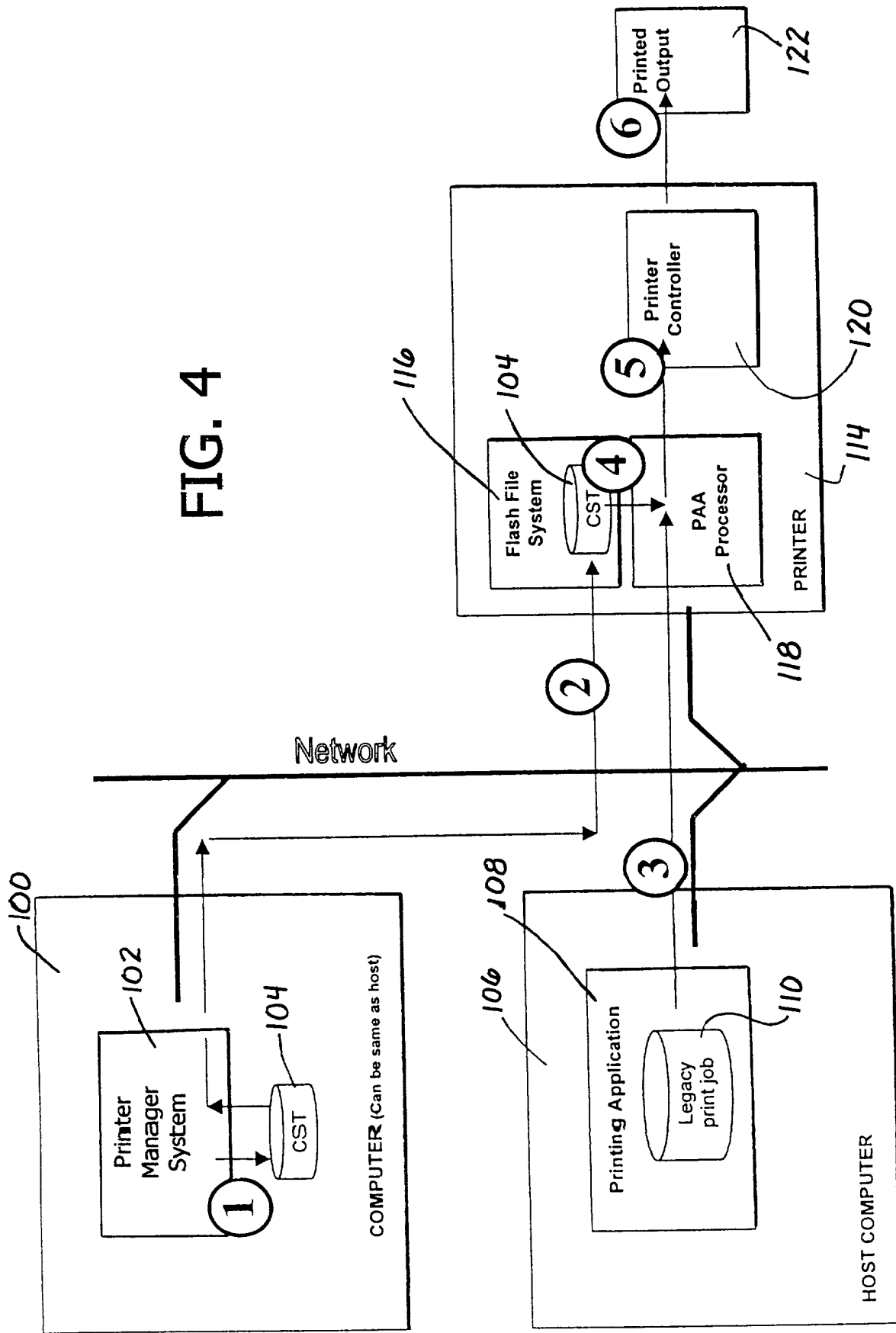


FIG. 3



Data Stream	P	R	I	N	T		B	O	L	D		"	H	E	L	L	O		"
PAA Action	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	Pass Through	Pass Through	Pass Through	Pass Through	Pass Through	Match so replace	Match so replace	Match so replace	Match so replace	Match so replace	Match so replace	Pass Through	Pass Through	Pass Through	Pass Through	Pass Through	Pass Through	Pass Through	Pass Through
Output Result	P	R	I	N	T		D	A	R	K		"	H	E	L	L	O		"

FIG. 6

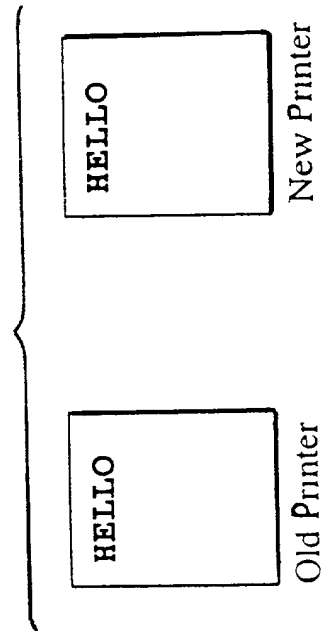
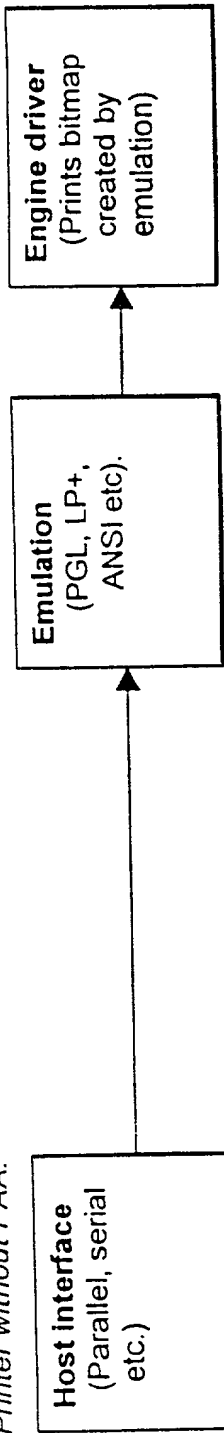


FIG. 7

*Printer without PAA:*



**FIG. 8**

**FIG. 9**

*Printer with PAA:*

